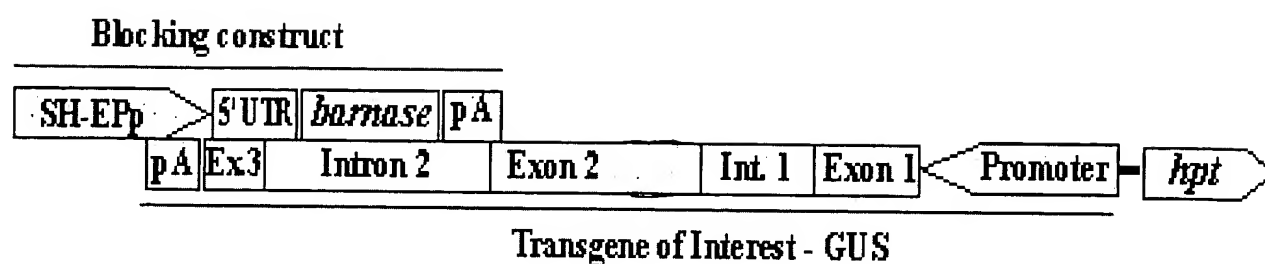
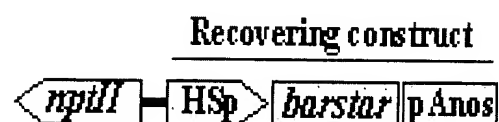


A



B



C

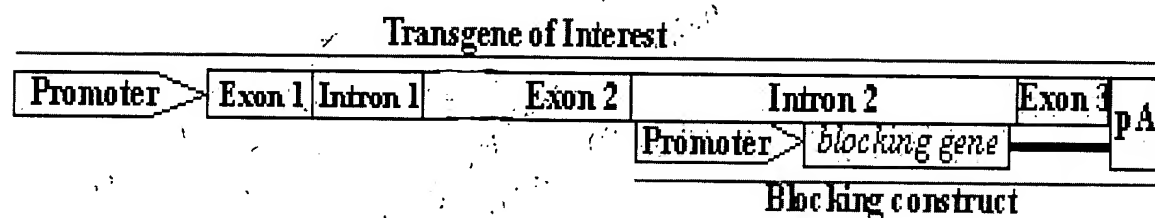


FIG. 1

```

Barnase                               uida
gene nt      >SH-EP promoter from Vigna mungo>      >CAAT box>      gene nt
... ↓↓...TATTGAATCCTTTGGCTACCAATCTTTGAGAAACACAAACACTTCTTATATCTGTTCTACACAAATTCCTGAGTGGTGCCACAGTTTGGTATCTTCATGATTGCTCATTTGTTTCATGCCCCA ↓↓
-302 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
... ..ATAACTTAGGAAACCGATGGTAAGAACTCTTTTGTTGTGAAGAAATAGACAAGATGTGTTAAGAGACTCACGCACGGTGTCAAACCATAGAACTACTAACGAGTAACAAGTACGGGT
                                     PolyA cleavage↑

>CAAT box>                               SpeI                               >TATA box >
TAAGGAACATGTAACCTTCCTCATTTTATTTATTTATTTGTTTTCTTCTCACTAGTTTACAAACGTTTCCCTATATAAACCCCTCCTTTGTTCACTGCTTTCCCTCCCTGCTGTGGCTTC
-182 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
ATTCCTTGTAACATTGAAGAGTAAATAAATAAATAAACAAGAAAGAGTGATCAAATGTTGCAAGGGATATATTGGGAGGAAACAAGTACGAAAGGAGGACGACACCGAAG
                                     <FUE<                               Stop< uida
                                     <NUE < NUE<

                                     +1 Start of barnase>
TCTCCGAAGTTTCATCCCGGTCCACCTGCAAAATAAGTAATAAGATAAAGTAAAGTAAAGTTAGTATGGCTCAAGTTATTATAACTTTTGGATGGAGTTGCTGATTATCTTCAAACTTATCATAT
-62 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
AGAGGCTTCAAGTAGGCGCAGGTGGACGTTTATTCATTATTCTATTTCATTTTTTCAATCATACCCGAGTTCAAATAATATGAAAACTACCTCAACGACTAATAGAAAGTTTGAATAGTAT
3d exon of uida ↑3'intron<                                     <branch point<                                     intron of uida
AATTCCAGATAATTATATTACTAAATCTGAAGCTCAAGCTCTTGGATGGGTGCTTCTAAAGGAAATCTTGCTGATGTTGCTCCAGGAAATCTATTGGAGGAGATATATTTTTCAAATA
+59 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
TTGAAGGTCTATTATAATGATTTAGACTTCGAGTTTCGAGAACCTACCCAAACGAAGATTTCTTTAGAACGACTACAACGAGGTCTCTTTAGATAAACCTCCTCTATATAAAAAAGTTTAT
1971 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

EcoRI
GAGAAAGGAAACCTCCAGGAAAAATCTGGAAGAACATGGAGAGAAGCTGATATTAATTATACTTCTGGATTTAGAAATTCAGATAGAAATTCCTTTATTCTATCTGATGGCTTATTATATAAA
+179 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
CTCTTCCTTTTGAAAGTCCCTTTTAGACCTTCTTGTAACCTCTCTCGACTATAAATTAATGAAGACCTAAATCTTTAAGTCTATCTTAAGAAATAAGTAGACTAACCGAATAAATATTTT
1851 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

barnase>                               >Stop> >FUE>                               BclI                               >NUE>                               PstI PolyA cleavage
CTACAGATCATTAATCAAAACCTTTTACAAAAATTAGATAAAATAATTGTTATTTTGTATGTTGTGATCATTAATAATAATAATAATAATACATACCTCTTCTGCAGCAGGAAGGACCGCA... ..
+299 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
GATGCTAGTAATAGTTTGAAAATGTTTAAATCTATTATAAAACATAAAAAACATACAACTAGTAATATTATTTATTTATTTATGATGGAGAAGACGTCGTCCTTCCGTCGGCT... ..
1735 -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
<2d intron of uida                                     <5'intron↑                               2d exon of uida

```

FIG 2.

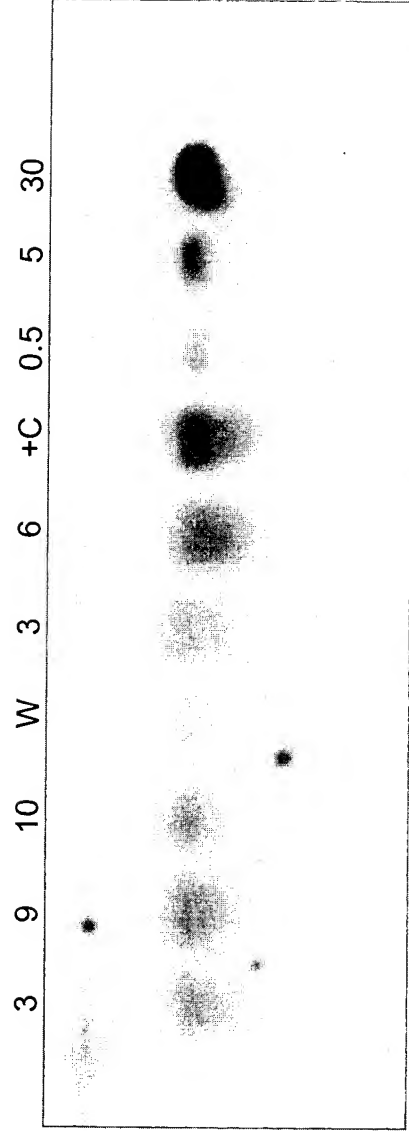


Fig. 3

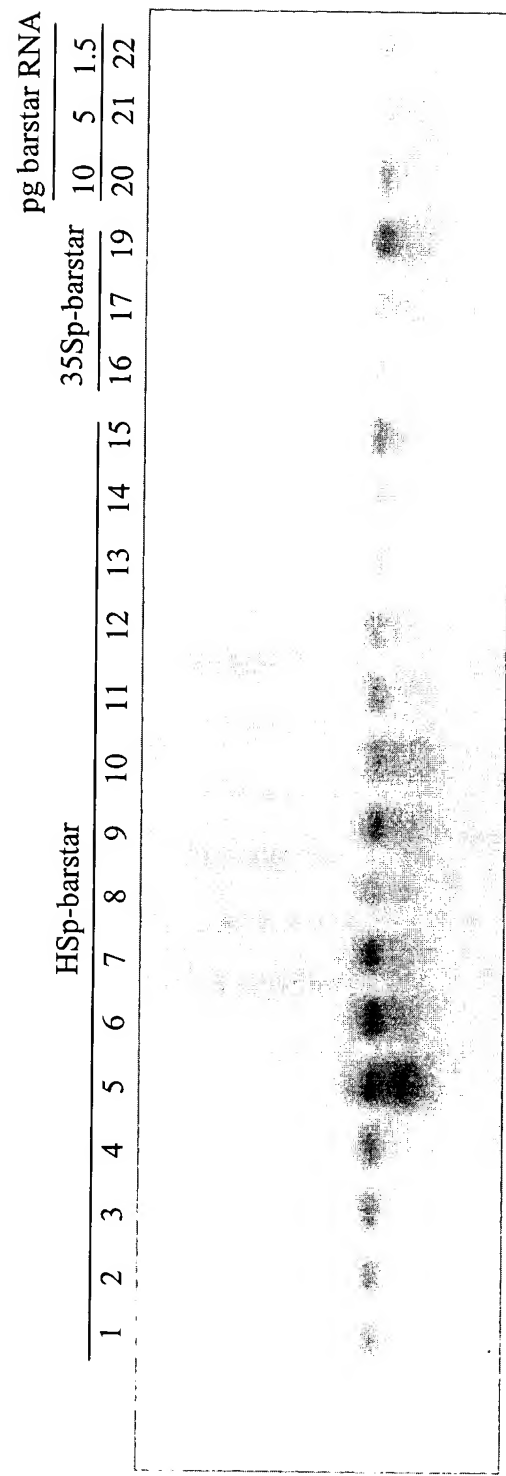


FIG. 4

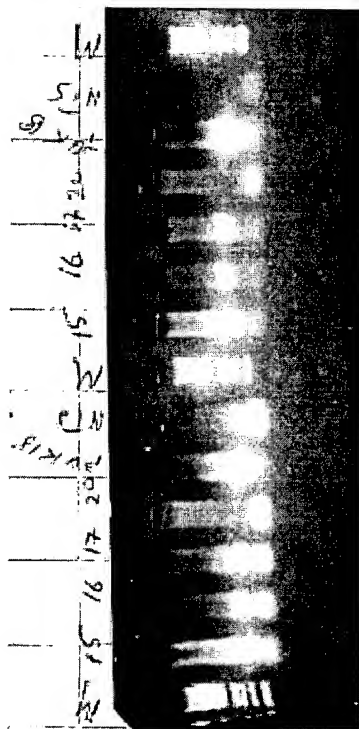


FIG 5

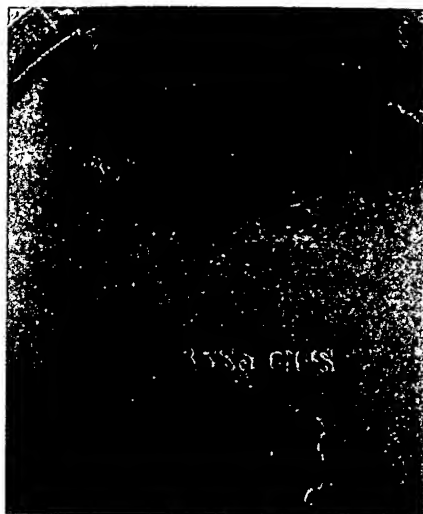
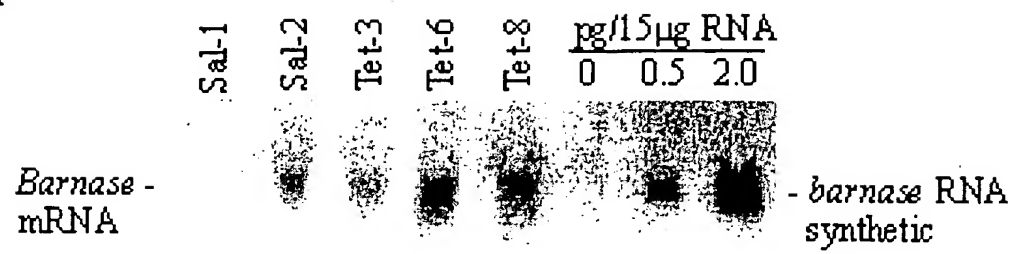
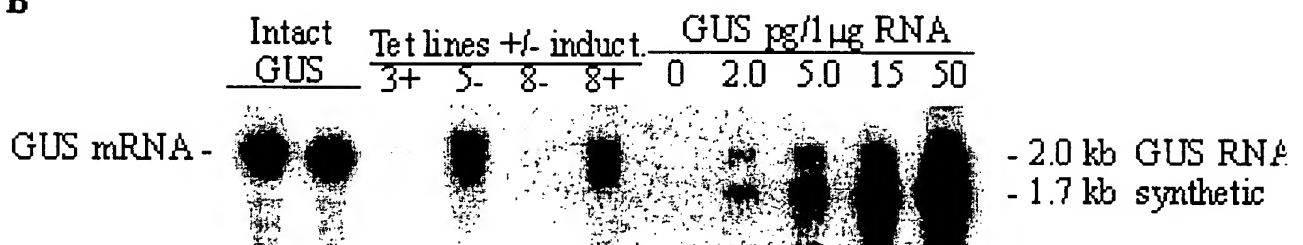


Fig. 6

A



B



C

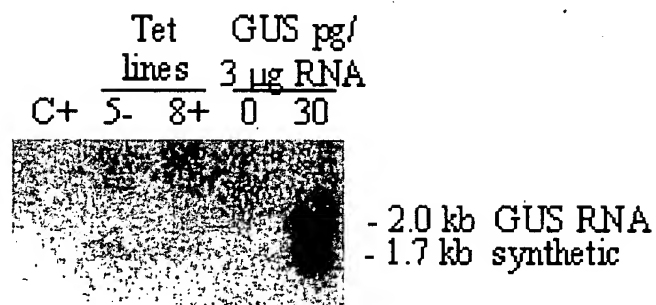


Fig. 7

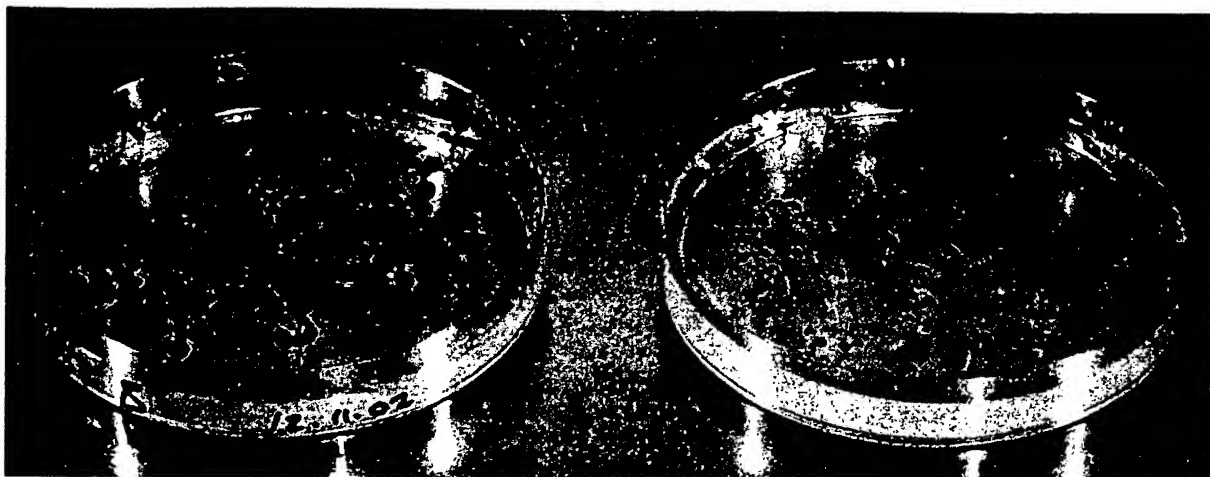


Fig 8



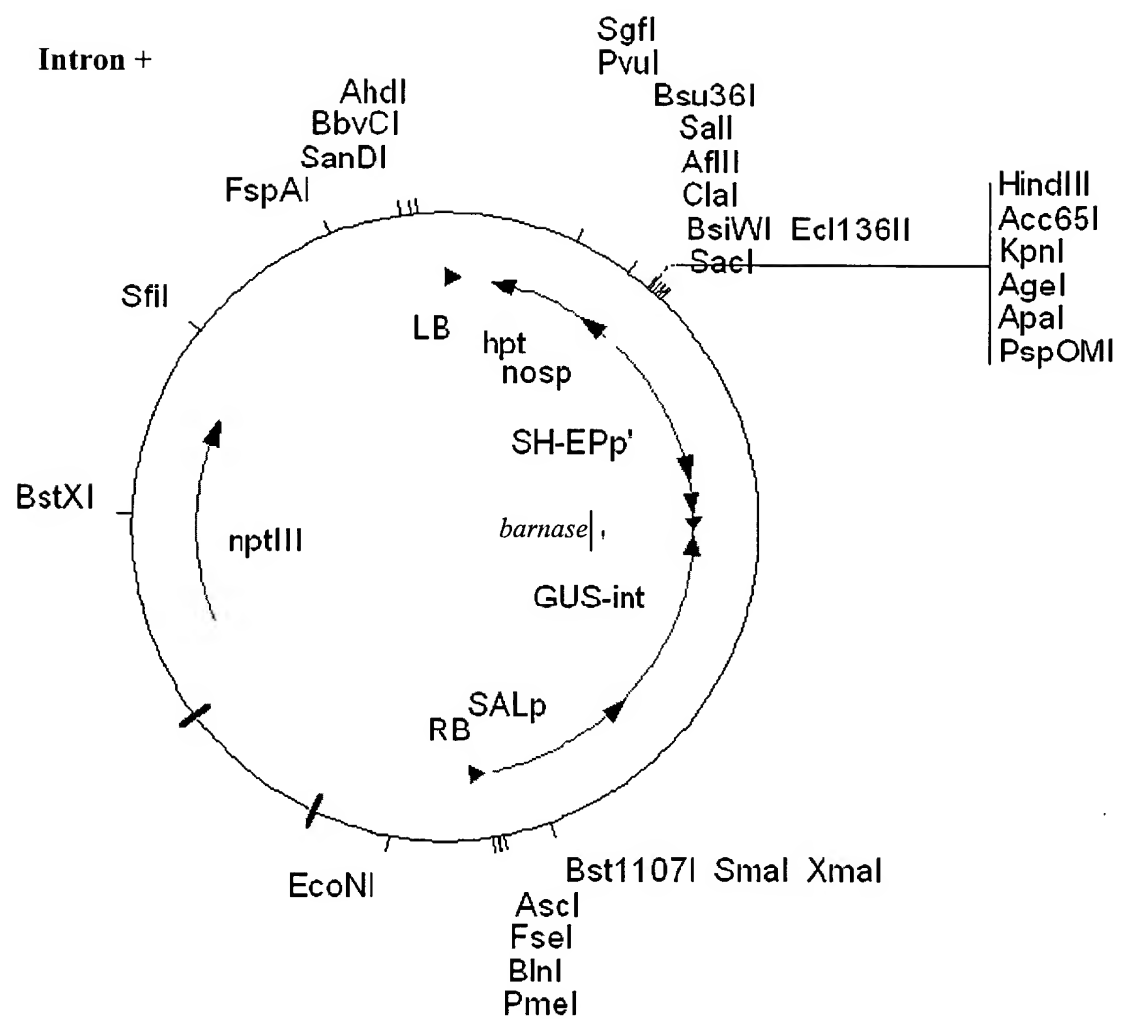


Fig 9

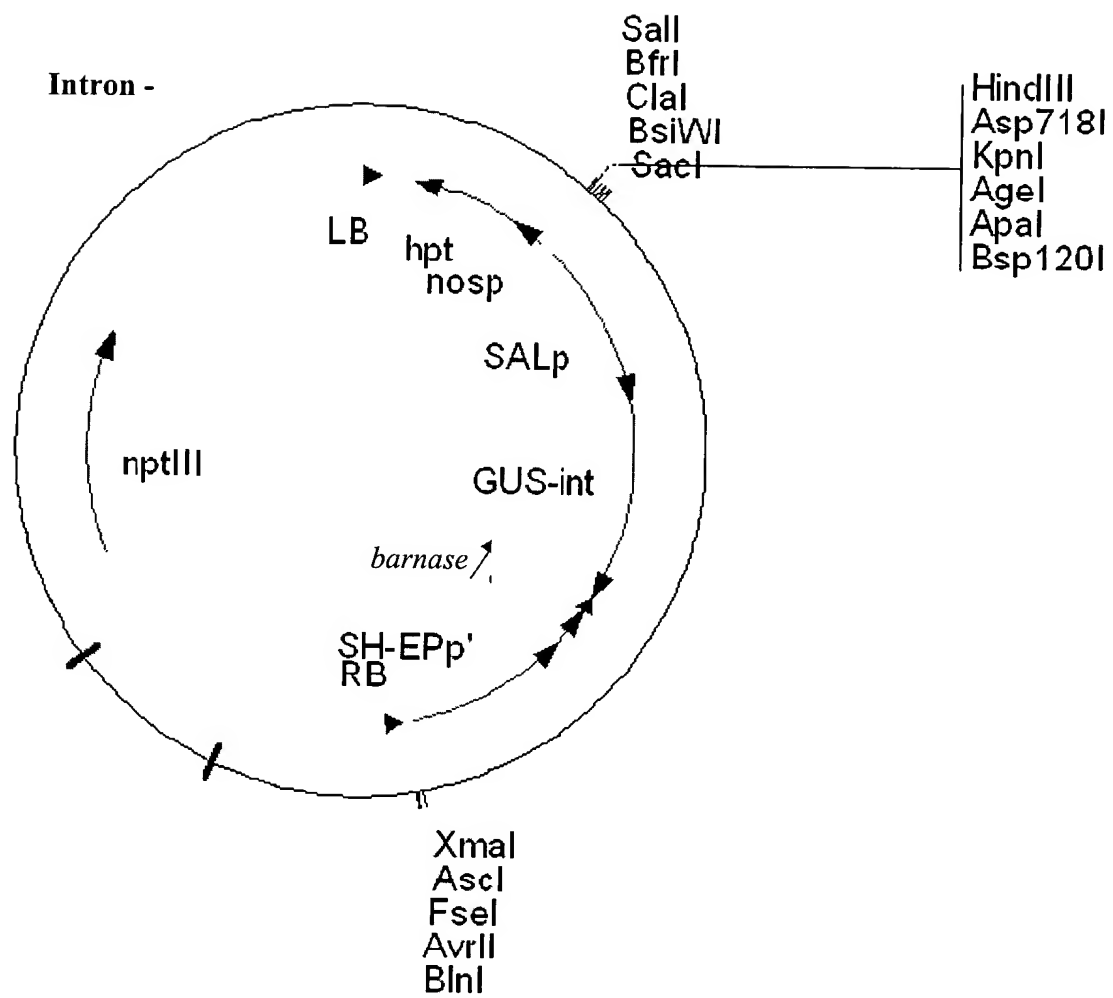


Fig. 10

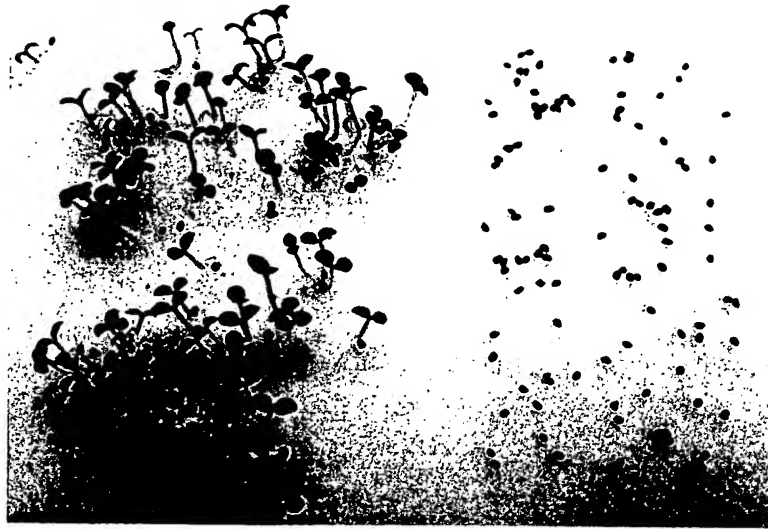


Fig. 11

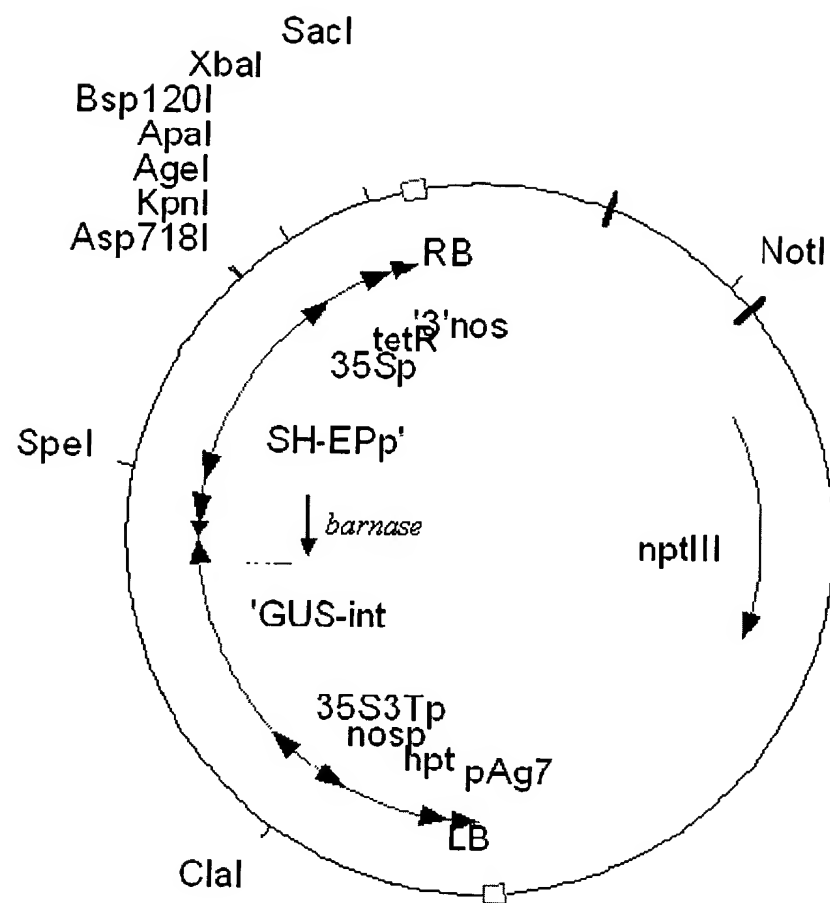


Fig. 12

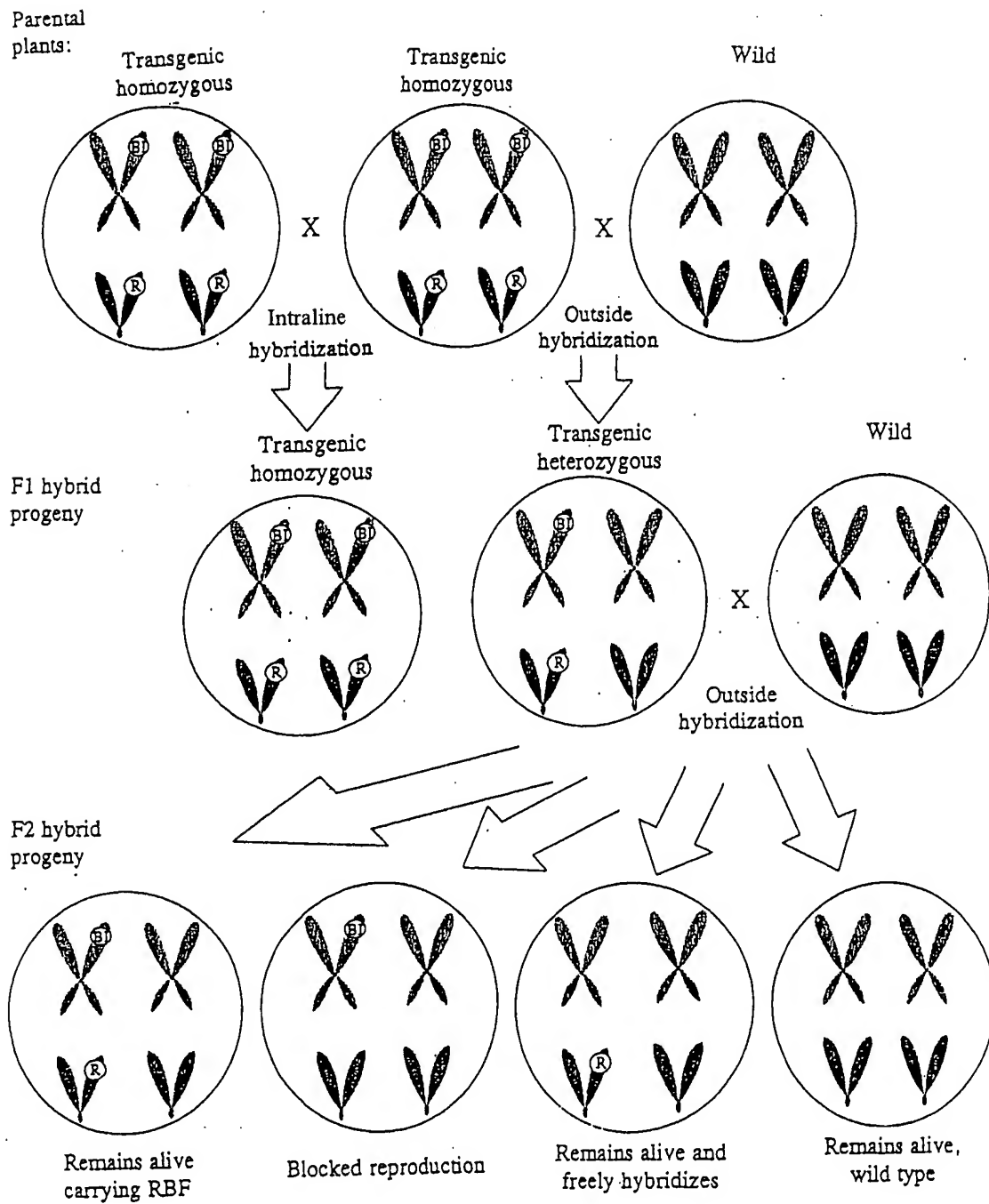


Fig. 13.

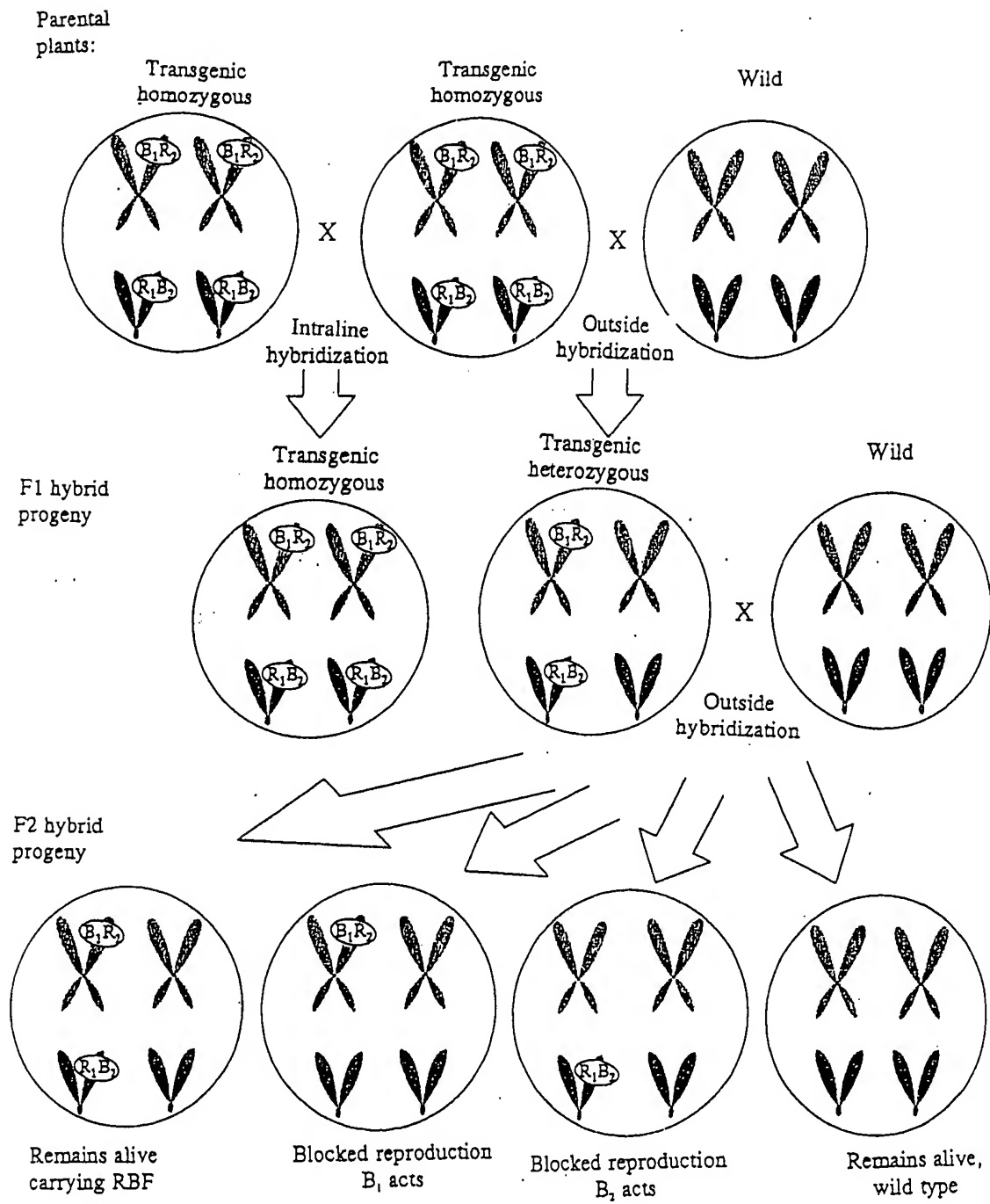


Fig. 14.